

WHAT IS CLAIMED IS:

1. A guide and clamp device comprising:

a base board and two guide boards located on the base board so as to define a support area between the guide boards, each guide board including a first guide surface, a second guide surface and a third guide surface relative to a longitudinal axis of the support area, a blade groove defined through the two guide boards and being oriented to be perpendicular to a longitudinal axis of the support area.

2. The device as claimed in claim 1, wherein the first guide surface and the third guide surface are oriented respectively at 30 degrees and 45 degrees relative to the longitudinal axis of the support area, and the second guide surface being parallel to the longitudinal axis of the support area.

3. The device as claimed in claim 1, wherein the support area includes two guide flanges extending from a top surface thereof and being parallel to the longitudinal axis of the support area.

4. The device as claimed in claim 1 further comprising a clamping device which includes a frame, a positioning disk connected to a first end of the frame so as to contact an underside of the base board and a cylindrical tube connected to a second end of the frame, a pressing member movably extending through a through hole defined in the cylindrical tube.

5. The device as claimed in claim 4, wherein each of the guide boards has a recess and a section of the frame is received in one of the two recesses.

6. The device as claimed in claim 4, wherein a side hole defined through the cylindrical tube and communicates with the through hole, a pawl pivotably engaged with the side hole and contacting the pressing member.

7. The device as claimed in claim 4, wherein the through hole includes a smooth inner surface and an inner diameter of the through hole is larger than an outer diameter of the pressing member.

8. The device as claimed in claim 6, wherein the pressing member includes first threads defined in an outer periphery thereof and the pawl includes second threads which are engaged with the first threads.

9. The device as claimed in claim 6, wherein the pawl includes a cam-shaped head which contacts the pressing member.

10. A clamping device comprising:

a frame, a positioning disk connected to a first end of the frame so as to be adapted to contact an underside of a base board and a cylindrical tube connected to a second end of the frame, a pressing member movably extending through a through hole defined in the cylindrical tube.

11. The device as claimed in claim 10, wherein a side hole defined through the cylindrical tube and communicates with the through hole, a pawl pivotably engaged with the side hole and contacting the pressing member.

12. The device as claimed in claim 10, wherein the through hole includes a smooth inner surface and an inner diameter of the through hole is larger than an outer diameter of the pressing member.

13. The device as claimed in claim 11, wherein the pressing member includes first threads defined in an outer periphery thereof and the pawl includes second threads which are engaged with the first threads.

14. The device as claimed in claim 11, wherein the pawl includes a
5 cam-shaped head which contacts the pressing member.